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Groundwater Quality Protection Program

LAKE WINDERMERE ESTATES SUBDIVISION
FACILITY NUMBER 1795730
WELL SITE SURVEY REPORT

Division of Public Water Supplies

IEPA/PWS/92-019

GROUNDWATER QUALITY PROTECTION PROGRAM:

LAKE WINDERMERE ESTATES SUBDIVISION
FACILITY NUMBER 1795730
WELL SITE SURVEY REPORT

Prepared by:

Division of Public Water Supplies

Published by:

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INTRODUCTION

This report has been prepared by the Agency pursuant to Section 17.1 of the Illinois Environmental Protection Act. The report summarizes information about your facility and samples collected and analyzed from your well(s). The well site survey provides an inventory of the area around the well(s) to help increase your awareness of potential hazards to groundwater utilized by your facility. This information and technical data will assist you in developing and implementing local groundwater protection measures authorized by the Act.

FACILITY DESCRIPTION AND GEOLOGIC PROFILE OF WELL SITES

Lake Windermere Ests. Sbdv. public water supply (PWS) utilities two wells. These wells provide approximately 3,300 gallons per day to 94 service connections (roughly 270 individuals).

Well 1 is located in east central part of the subdivision, which is located about 3 miles east of Tremont and 0.7 mile north of Route 9, and well 2 is located in the southeast corner of the subdivision, at the end of a gravel road that extends down a hill off Wilson Court. The wells are approximately 2,400 feet apart. Additionally a test hole has been drilled for proposed well 3 and is located about 200 feet east of well 1.

The Lake Windermere Sbdv. PWS wells utilize an unconsolidated sand and gravel aquifer. The surficial geologic suscetibility rating (permeability rating) is AX. Permeability is a measure of the ability of a soil or sediment to transmit fluids. The aquifer is overlain by modern stream alluvium consisting of unconsolidated, variably textured materials ranging from clay to gravel. The potential for contaminating groundwater is high. Normal groundwater flow is estimated to follow the surficial topography of the area, however the Mackinaw River level, seasonal fluctuations and nearby pumping wells may also influence the aquifer flow direction. A detailed description and geologic profile is found in the Facility Wells Report (Appendix C).

Table I

	Minimum Setback (ft.)	Maximum Setback (ft.)	Status	Capacity (gpm) (MGD)	Specific Capacity (gpm/ft.)	Treatment	Aquifer	Well Depth (ft.)	Well Logs Available
Well #1 (50054)	400	-	A	-		CL, FL	Sand & Gravel	32	Y
Well #2 (50055)	400	-	A	-		CL, FL	Sand & Gravel	75	Y

A - Active

A - Active

GROUNDWATER SAMPLING AND MONITORING HISTORY

Wells #1 and #2 were sampled on June 16, 1989 by Russell Miller, the PWS Operator. At that time, both wells were sampled and analyzed for inorganic chemicals. Inorganic analysis performed indicate that parameters are consistent with other sand and gravel aquifers within the State of Illinois.

WELL SITE SURVEY METHODS AND PROCEDURES

The detailed well site survey consists of an aerial photographic map and inventory sheets (Appendix B), that relate information about potential sources, routes, and possible problem sites to your water supply wells. The location of potential sources, routes, possible problem sites, water wells minimum setback zones and the 1,000 foot survey area are all displayed on the aerial photographic map.

The first page of each survey consists of a summary description and geologic profile for each well. The second and following pages of the survey inventory units within and bordering a 1,000 foot radius of the wellhead. A unit is defined as any device, mechanism, equipment, or area (exclusive of land utilized only for agricultural production). The Agency 5-digit well number is associated with a unit or map code, and then classified. The classification codes relate to definitions of potential contamination sources and routes as defined in the Illinois Groundwater Protection Act (see Groundwater Primer pages 18-19). The distance and direction of the unit from the wellhead is also indicated.

Survey Results and Findings

The Lake Windermere Ests. Sbdv. well site field survey was conducted on May 10, 1991 by Carl Kamp, Environmental Protection Specialist, from the Agency's Springfield Office. Mr. Kamp interviewed Russel Miller, operator for the Lake Windermere Ests. Sbdv. The following describes the results and findings for Lake Windermere Ests. Sbdv. public water supply.

Lake Windermere Ests. Sbdv. Well 1 (IEPA 50054)

The well site survey area is mostly rural; a combination of row-crops, open space and woodland. The remaining area is low density residential. There were no potential contamination sources or routes observed within the minimum setback zone. Additinally, no possible problem sites were detected within the well 1 survey area.

Lake Windermere Ests. Sbdv. Well 2 (IEPA 50055)

The well site survey area is mostly rural; a combination of row-crops, open space and woodland. The remaining area is low denisty residential. There were no potential contamination sources or routes observed within the minimum setback zone. Additionally, no possible problem sites were detected within the well 2 survey area.

SUMMARY

The well site survey conducted indicates that there were no possible problem sites located within the survey area. Sampling and monitoring to date has detected no contamination in the groundwater utilized by the facility.

RECOMMENDATIONS

The Illinois Environmental Protection Act provides minimum protection zones for your wells. These minimum protection zones are regulated by the IEPA. The Act also authorizes county and municipal officials the opportunity to provide maximum protection zones up to 1,000 feet. The responsibility for the controls would then be assumed by local officials through adoption of a maximum setback zone ordinance.

Lake Windermere Ests. Sbdv. is presently in an ideal situation, no potential groundwater contaminatin hazards within the well site survey area. Establishing a maximum setback zone would prohibit the siting of new potential primary sources of groundwater contamination up to a distance of 1,000 feet from the wellhead, and allow future protection to the community water supply. In addition, a maximum setback zone could expand the regulatory coverage of certain new and existing activities. These controls could be implemented upon the adoption of proposed regulations by the Illinois Pollution Control Board.

The Agency urges Lake Windermere Ests. Sbdv. to establish a maximum setback zone for its well. The Agency has prepared a "Maximum Setback Zone Workbook" which provides detailed case studies of how to establish a maximum setback zone. Technical assistance is available from the Agency and the Illinois State Water Survey.

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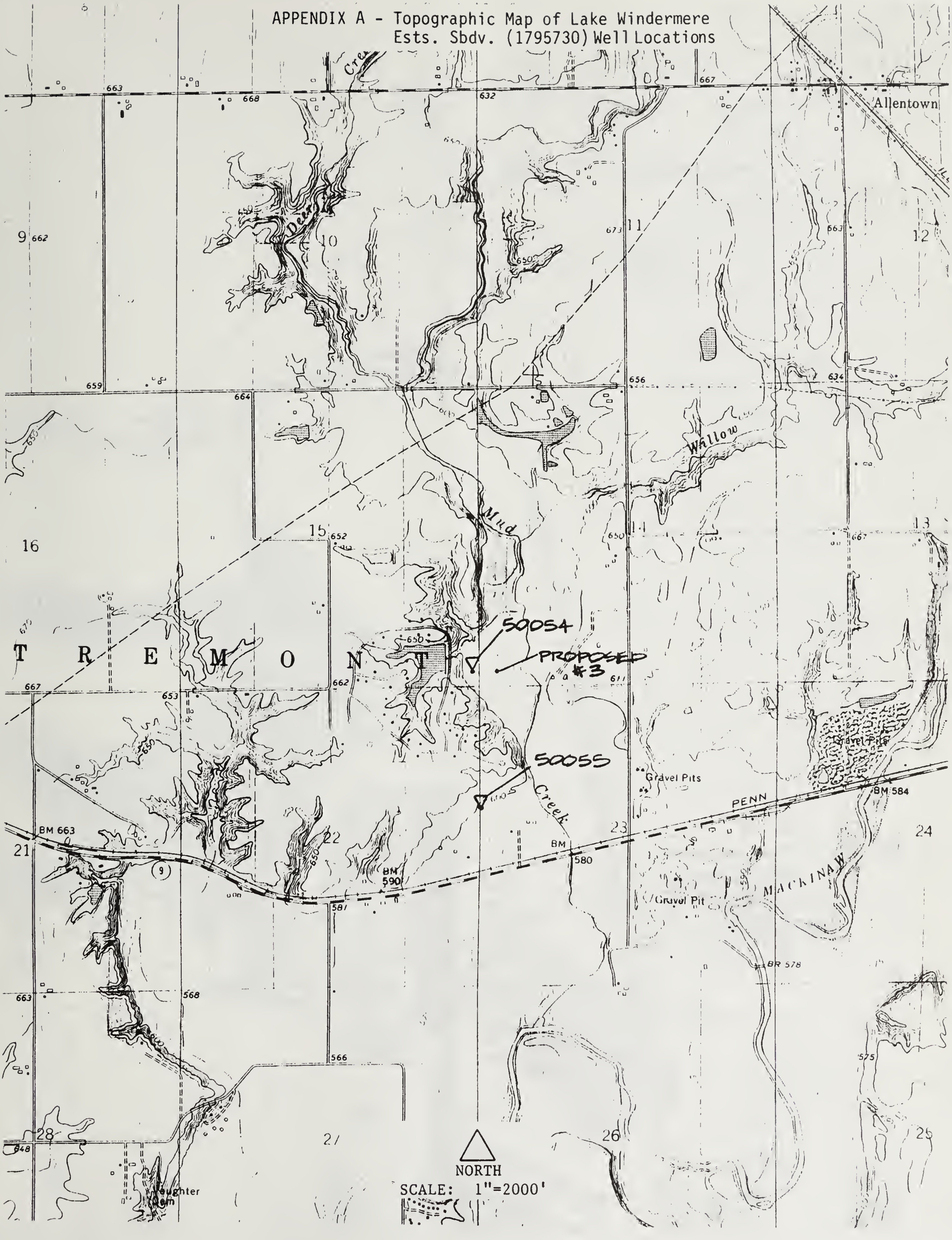
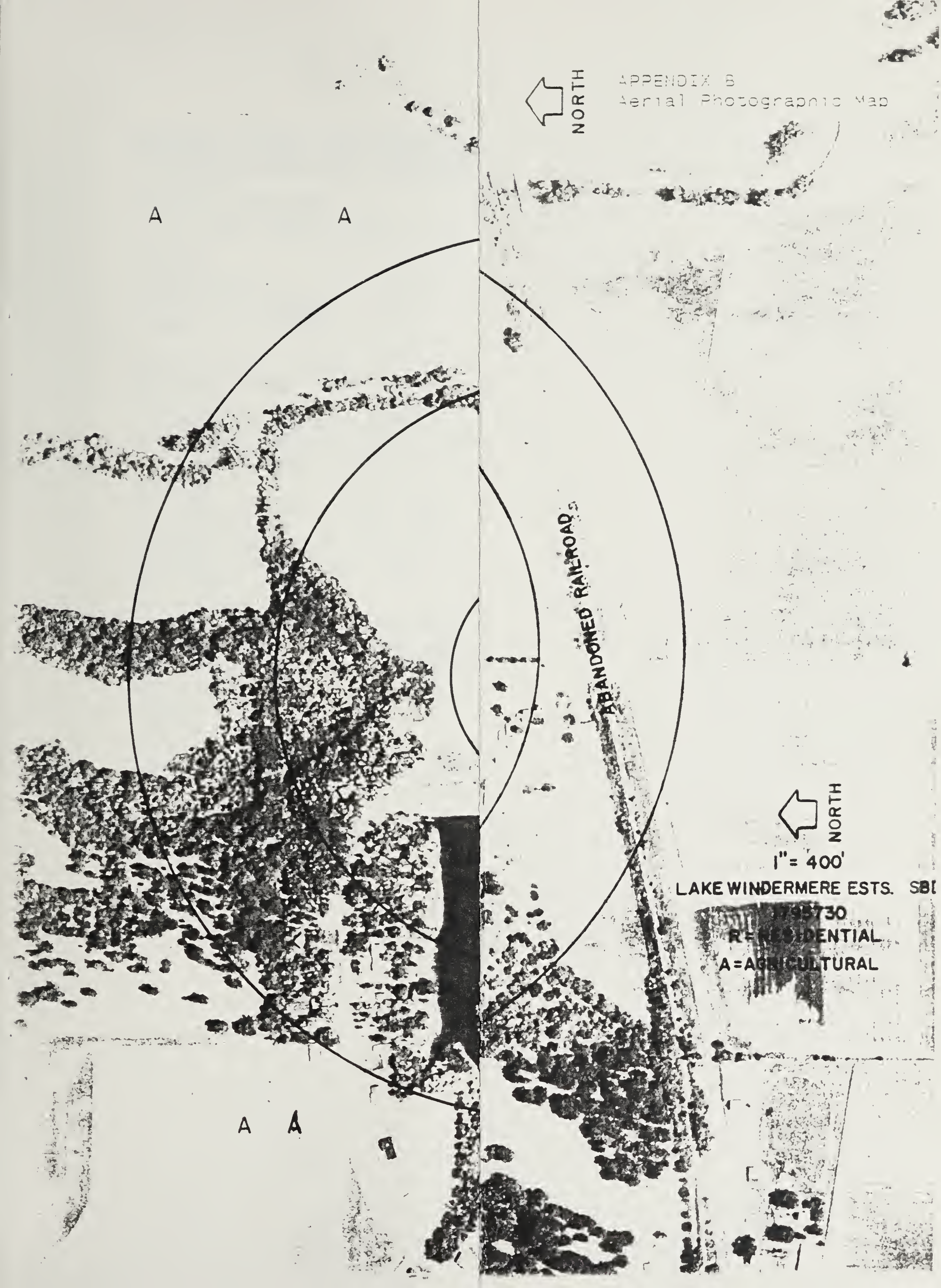
https://archive.org/details/lakewindermerees00unse

TECHNICAL APPENDICES

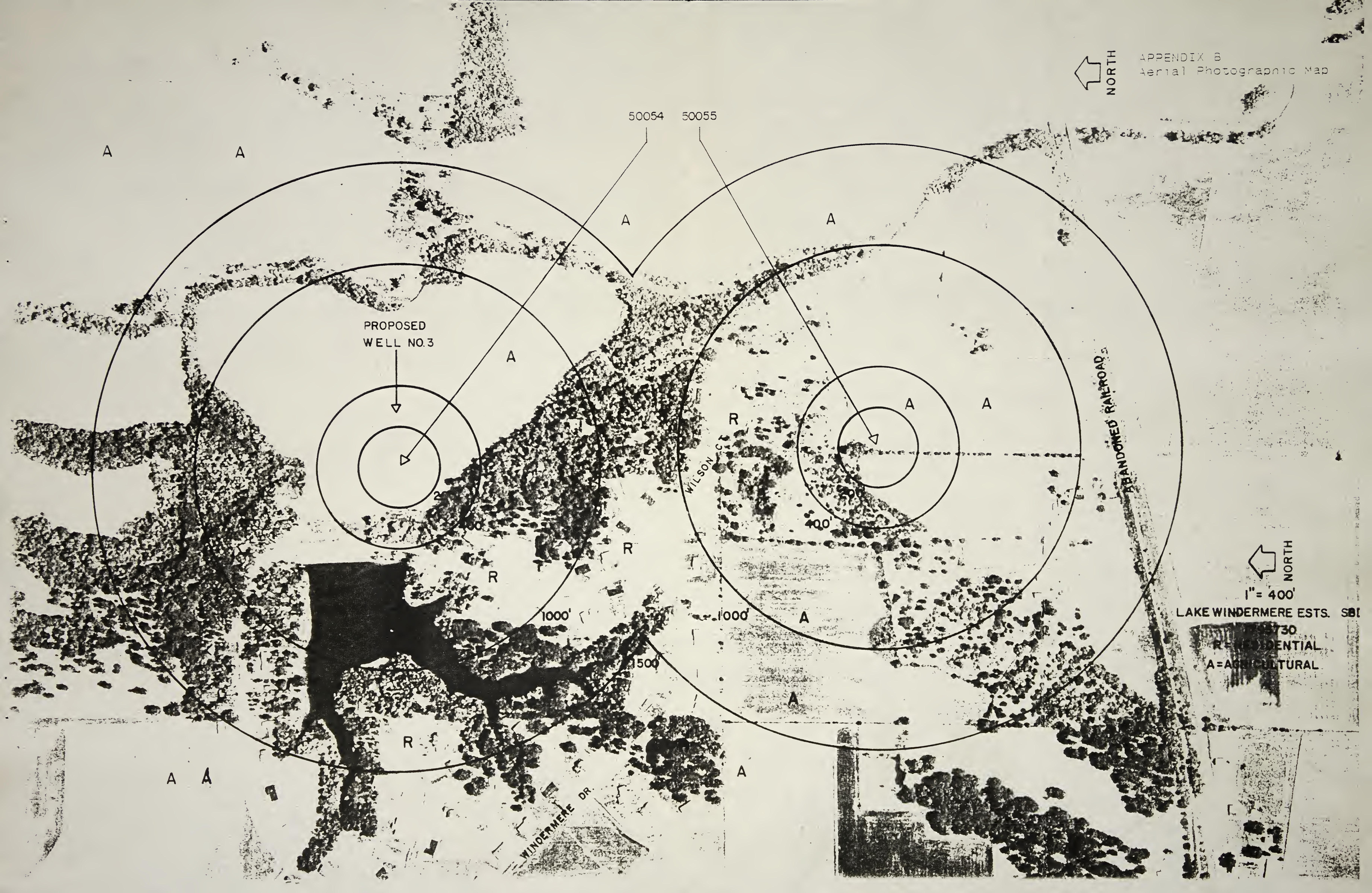
APPENDIX A - Topographic Map of Lake Windermere Ests. Sbdv. (1795730) Well Locations



APPENDIX B
Aerial Photographic Map



APPENDIX B
Aerial Photographic Map



APPENDIX: B1 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE Lake Winderemere Ests. Sbdv. (IEPA-50054)

SURVEYOR: Carl Kamp
SURVEY DATE: May 10, 1991

ADDRESS:
Allen Kelley
1430 N.W. Windermere
Tremont, IL 61568

AGENCY WELL NO: 50054
WELL NAME & DESC.: Well 1, located in east central edge of Lake Windermere Ests. Sbdv.
TREATMENT APPLICATION POINT: 01
FACILITY NO. & NAME: 1795730, Lake Windermere Ests. Sbdv.
FAC. PHONE NUMBER: None
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
24N, 03W, 15, 1A
DISTANCE FROM CORNER: 200 ft.N, 10 ft.W.
QUAD SHEET CODE & NAME: 109C
MIN. SETBACK: 400 ft.
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: Ax - Alluvium, a mixture of gravel, sand, silt and clay along streams, variable in composition and thickness
AGE OF WELL (DATE WELL CONSTRUCTION): 9/5/72
WELL DEPTH: 68 ft.
CASEMENT DEPTH: 25 ft.
AQUIFER CODE: 0101
MULTIPLE AQUIFER (Y, N): N
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The well site survey is rural; a combination of row crops, open space and woodland. The remaining area is residential
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:
Russell Miller, Operator
Box 1554
708 South Locust Street
Tremont, IL 61568

APPENDIX: B1 INVENTORY AND SYNOPSIS OF UNITS Lake Windermere Ests. Sbdv. (IEPA-50054)

Classification (CLASSF*) KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE	OR = POTENTIAL ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 50054-
NAME & ADDRESS OF UNIT OWNER:
DESCRIPTION AND COMMENTS: None
PRE OR POST (Y,N):
DISTANCE AND DIRECTION:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

Inventory Sheet

Date inventoried Mar. 9, 1976

pply: LAKE WINDERMERE ESTATES SUBD.
(Tazewell County)

Sheet 2 of 7 12

m: Well #1

Drilled 68' deep and then filled back to 32' deep in March 1973 by Chris Ebert Co. of Washington, Illinois; located in the east central part of the subdivision about 600' east of Windermere Drive, about 3 miles east of Tremont and about 0.7 mile north of Route 9, or about 200' north, 10' west of southeast corner Section 15, T24N, R3W; 11" steel pitless adaptor extends from 3' above ground to a depth of 5' below ground; 8" steel casing extends from 5' below ground to a depth of 25' below ground; 7' of 7 3/4" diameter Johnson #304 stainless steel well screen extends from 25' to 32' below ground (slot size first foot is #20, next 2' is #40, next 1' is #20, next 1' is #16, next 1' is #30, and bottom foot is #16); the well is finished in a sand and gravel aquifer. The top of the 11" pitless adaptor was sealed with a Monitor sanitary well seal. The well pump is a Red Jacket submersible pump, water lubricated, with a capacity of 85 gpm at an unknown head, pump #756RI-6MB6; has below ground discharge to the distribution system and pressure tank. The pump is directly connected to a 7 H.P., 3 phase, 60 cycle, 220 volt, electric motor. A smooth-nosed tap was not installed on the well discharge line. The static water level was about 11' as measured by the well driller on March 31, 1973; pumping water level was not known. There are no known sources of contamination in the vicinity of the well.

100 % Recycled Pape

opy –
pt of Public Health
Copy – Well Contractor
py – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

309
444-4500

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

Type of Well
a. Dug ____. Bored ____. Hole Diam. ____ in. Depth ____ ft.
Curb material ____. Buried Slab: Yes ____ No ____
b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
c. Drilled X. Finished in Drift X. In Rock ____.
Tubular X. Gravel Packed 32 ft. deep
d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Drill cuttings	grade	11

Distance to Nearest:
Building 400 Ft
Cess Pool ____
Privy ____
Septic Tank none in area
Leaching Pit ____
Seepage Tile Field - - -
Sewer (non Cast iron) ____
Sewer (Cast iron) ____
Barnyard ____
Manure Pile ____

Is water from this well to be used for human consumption?
Yes X No ____
Date well completed 3/31/73
Permanent Pump Installed? Yes X No ____
Manufacturer Red Jacket Type Sub. 756R1-6MB6
Capacity 35 gpm. Depth of setting 24 ft. old grade
Well Top Sealed? Yes X No ____
Pitless Adapter Installed? Yes X No ____
Well Disinfected? Yes X No ____
Water Sample Submitted? Yes X No ____

3/31/73 when the well was completed the static water
REMARKS was 8' below grade. Then on 3/28/74 when
pump was installed the water level was 9'2" below.
After installation of the 8' Bury Pitless unit the
the well site was raised 2 1/2' which left the pit-
2 1/2' above new grade. The water level below the
was 14'2". The sub. pump unit is 4' 11" long & hangs
8' of 3" galv. pipe below a double check spool. The top of the pitless adapter to the top of the well screen
11".

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Hugh Boyle & Sons Well No. 1
Address R. R. 1, Mackinaw, Ill.
Driller Chris Ebert Co. License No. 92 499
11. Permit No. NF 16378 Date 9/5/72
12. Water from sand & gravel Formation 13. County Tazewell
at depth 11 to 32 ft.
Sec. 15 12
Twp. 24N
Rge. 3W
Elev. ____
14. Screen: Diam. 7 3/4 in.
Length: 7 ft. Slot bottom 1'#16, 1'#20, 2'#40, 1'#20, 1'#16 & 1'#30.
7'9" overall Johnson #304 Stainless Steel
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
8	Schedule 30 Black	4	25

SHOW LOCATION IN SECTION PLAT
SE SE SE

16. Size Hole below casing: - - - in.
3/28/74 17. Static level 14'2" ft. below ~~casing~~ pitless top which is 2'6" ft. above ground level. Pumping level 26'8" ft. when pumping at 100 gpm for one hours.

26'8"
-14'2"
12'6"
Δ= 12.5 ft.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Brown dirt	1	1
Yellow clay	10	11
Brown water sand-fine to coarse-somewhat dirty	6	17
Fine to very coarse brown sand & gravel	15	32
Gray water sand-fine to coarse-dirty	4	36
Hard pan-sandy	15	51
Blue clay-sandy streaks-trace of water	13	64
White soapstone	4	68
Gray sand stone at 68 ft.		

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Robert H. Ebert DATE 6/4/74

APPENDIX: B2 WELL SITE SURVEY SUMMARY DESCRIPTION AND GEOLOGIC PROFILE Lake Windermere Ests. Sbdv. (IEPA-50055)

SURVEYOR: Carl Kamp
SURVEY DATE: May 10, 1991

ADDRESS:
Allen Kelley
1430 N.W. Windermere
Tremont, IL 61568

AGENCY WELL NO: 50055
WELL NAME & DESC.: Well 2, located 2,000 ft due south of well 1
TREATMENT APPLICATION POINT: 02
FACILITY NO. & NAME: 1795730, Lake Windermere Ests. Sbdv.
FAC. PHONE NUMBER: None
LOCATION:
TWP, RNG, SECTION, 10 ACRE PLOT:
24N, 03W, 23, 8E
DISTANCE FROM CORNER: 200 ft.S, 10 ft.E.
QUAD SHEET CODE & NAME: 109C
MIN. SETBACK: 400 ft.
MAX. SETBACK:
SURFICIAL GEOLOGIC SUSCEPTIBILITY RATING: Ax - Alluvium, a mixture of gravel, sand, silt and clay along streams, variable in composition and thickness
AGE OF WELL (DATE WELL CONSTRUCTION):
WELL DEPTH: 74 ft.
CASEMENT DEPTH: unknown
AQUIFER CODE: 0101
MULTIPLE AQUIFER (Y, N): N
SUMMARY DESCRIPTION OF 1,000' RADIUS AREA: The well site survey is rural; a combination of row crops, open space and woodland. The remaining area is residential
INTERVIEW(S) NAME-ADDRESS-AFFILIATION-TELEPHONE NO.:
Russell Miller, Operator
Box 1554
708 South Locust Street
Tremont, IL 61568

APPENDIX: B2 INVENTORY AND SYNOPSIS OF UNITS Lake Windermere Ests. Sbdv. (IEPA-50055)

Classification (CLASSF*) KEY

MIN. ZONE	OUTSIDE MIN. ZONE
PP = POTENTIAL PRIMARY	OP = POTENTIAL PRIMARY
PS = POTENTIAL SECONDARY	OS = POTENTIAL SECONDARY
RI = POTENTIAL ROUTE	OR = POTENTIAL ROUTE
CC = CERTIFIED	CC = CERTIFIED
XI = UNKNOWN	OX = UNKNOWN
CU = CLEANUP	CU = CLEANUP

WELL NO. - MAP CODE - CLASSF*: 50055-
NAME & ADDRESS OF UNIT OWNER:
DESCRIPTION AND COMMENTS: None
PRE OR POST (Y,N):
DISTANCE AND DIRECTION:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

DIVISION OF PUBLIC WATER SUPPLIES

Inventory Sheet

Supply: Facility Number: 1795730
TAZEWELL COUNTY - Lake Windermere Subd.

Date inventoried March 14, 1989

Sheet 3 of 12

Item: Well #2

Drilled 75' deep in 1977, located about 2200' due south of Well #1, or about 2000' south, 10' E of the N.W. corner of Section 23, T.24N., R.3W., Tazewell County (in the SE corner of the subdivision at the end of a gravel road that extends down a hill from the dead-end of Wilson Court). 6" steel casing extends from bottom of pitless adaptor unit to 69'; #20 slot stainless steel well screen from bottom of casing to bottom of well. Pitless adaptor unit extends to 1 1/2' above ground level, and is equipped with air vent, and airline attachment. 1 1/2" of cement grout surrounds the casing to a depth just below static ground water level. Well is pumped by a Red Jacket submersible pump having a rated capacity of 60 gpm at 150' TDH. A fenced cow pasture was located 25' to the west of the well. A corn field was 15' to the east.

Elev 600

CHRIS EBERT CO.
WELLS and PUMPS

400 ELDRIDGE STREET • WASHINGTON, ILLINOIS 61571 • PHONES 309/~~283~~444-4500 or ~~283~~444-4717

The following is the information requested for Well No. 2, Lake Windemere Estates

Completed June 7, 1976
Diameter 6" Depth 74 ft.
Screen Length 6 ft.
Static Water Level is 29 ft.
Drawdown--60 gpm for 2 hrs. Water Level 52 ft.

Formation Passed Through	Thickness	Depth of Bottom
Brown Dirt	0	2 ft.
Brown Clay	2	6 ft.
Brown Sand & Gravel	6	18 ft.
Brown Clay-gravely	18	22 ft.
Blue Clay	22	28 ft.
Blue Clay-sandy	28	33 ft.
Brown Sand & Gravel	33	38 ft.
Blue Clay-gravely	38	42 ft.
Gray Water Sand-fine to coarse	42	49 ft.
Gray Sand & Gravel-some clay	49	67 ft.
Gray Water Sand-fine to medium-some coarse	67	71 ft.
Gray Sand & Gravel-sine sand to very coarse gravel	71	73 ft.
Gray Sand & Gravel-very coarse	73	74 ft.
White Soapstone	74 ft.	

Very truly yours,

CHRIS EBERT CO.

Robert H. Ebert

RHE:m

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DIV. OF PUBLIC WATER SUPPLIES
ENVIRONMENTAL PROTECTION AGENCY
STATE OF ILLINOIS

APPENDIX C

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                                        ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
REPORT:  PWGWP053                         DIVISION OF PUBLIC WATER SUPPLIES                               PAGE:
MODULE:  PWGWM027                             FACILITY WELLS REPORT                                       DATE:   11/05/9

       FACILITY:  1795730   LAKE WINDERMERE ESTS SBDV

       --------------------------- OWNER ---------------------------     -------------------- OFFICIAL CUSTODIAN -------------------

       ALLEN KELLEY                                                      RUSSELL MILLER

       PRESIDENT                                                         BOX 1554

       1430 N W WINDERMERE                                               TREMONT              IL   61568

       TREMONT                IL  61568


       WELL: 50054  WELL 1 600 FT E OF WT BLDG 1                        STATUS: ACTIVE                DEPTH(FT):    32
             LATITUDE: N40 31 37.5               LONGITUDE: W089 25 12.0                       TWP: 24N  RNG: 03W  SEC: 15  PLOT: 1A
             SUSCEPTIBILITY - LAND BURIAL: AX    SUSCEPTIBILITY - LAND SPREADING: AX    --- MINIMUM SETBACK(FT): 0400 ---

             AQUIFERS: QUATERNARY SYSTEM

       WELL: 50055  WELL 2 2200' S WELL 1 & 100' S OF WTB 2            STATUS: ACTIVE                DEPTH(FT):    75
             LATITUDE: N40 31 16.0               LONGITUDE: W089 25 11.0                       TWP: 24N  RNG: 03W  SEC: 22  PLOT:

             SUSCEPTIBILITY - LAND BURIAL: AX    SUSCEPTIBILITY - LAND SPREADING: AX    --- MINIMUM SETBACK(FT): 0400 ---
             AQUIFERS: QUATERNARY SYSTEM


     SUSCEPTIBILITY CODES
         LAND BURIAL: AX = ALLUVIUM, A MIXTURE OF GRAVEL, SAND, SILT, AND CLAY ALONG STREAMS, VARIABLE IN COMPOSITION AND
                           THICKNESS.

       LAND SPREADING: AX = ALLUVIUM, A MIXTURE OF GRAVEL, SAND, SILT, AND CLAY ALONG STREAMS, VARIABLE IN COMPOSITION AND
                           THICKNESS.
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APPENDIX D

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]                                              ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
  REPORT: PWGMP048                               DIVISION OF PUBLIC WATER SUPPLIES                                                 PAGE:        50
  MODULE: PWGHM026                               SELECTED SAMPLE EXPANDED REPORT                                                   DATE:  05/09/91

    FACILITY:  1795730 LAKE WINDERMERE ESTS SBDV                STATUS: A    PUBLIC: Y     COMM: Y     TYPE WATER: G
         TAP:        01 WT BLDG 1                               STATUS: A
    RAW SRCE:    50054 WELL 1 600 FT E OF WT BLDG 1             STATUS: A

       SAMPLE NO: B91170600    LOCATION: LAKE WINDERMERE ESTS SBDV WELL 1               COLL DATE: 08/16/89     DELIVERED BY: UPB
       SMPL TYPE: RAW         COLLECTOR: R MILLER                                       LAB RCVD: 08/17/89      RECEIVED BY: MAD
       SMPL PURP: 1-ROUTINE    COMMENTS:                                                LAB COMPL: 10/26/89  LAB SUPERVISOR: RPF
       SMPL PROG: C-CHEMICAL  OBSRVATNS:                                              SMPL PERIOD: 08/89          FUND CODE: PW30

      ANALYSIS  RSLT -------STORET-------                                                         -------STANDARDS-------      TRIGGER
         ID      NO     NO      DESCRIPTION                                UNITS      RESULT     DRINK WTR      RAW WTR        LEVEL

       100T000  001  00403  PH LABORATORY UNITS                            UNITS       7.600
       101T000  001  00095  CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C           UM/CM     840.000
       102T000  001  70300  RESIDUE,TOTAL FILTERABLE @180 C,MG/L           MG/L      505.000
       103T000  001  00410  ALKALINITY,TOTAL MG/L AS CACO3                 MG/L      356.000
       105T000  001  00900  HARDNESS,EDTA MG/L AS CACO3                    MG/L      443.000
       107T000  001  00951  FLUORIDE,TOTAL MG/L AS F                       MG/L        0.100 <      4.000
       108T000  001  00940  CHLORIDE,TOTAL MG/L AS CL                      MG/L       29.000
       109T000  001  00945  SULFATE,TOTAL MG/L AS SO4                      MG/L       89.000
       110T000  001  00630  NITRATE & NITRITE TOTAL MG/L AS N              MG/L        1.400       10.000
       111T000  001  00610  NITROGEN,AMMONIA TOTAL MG/L AS N               MG/L        0.100 <
       114T000  001  00956  SILICA,TOTAL MG/L AS SIO2                      MG/L       15.000
       116T000  001  00720  CYANIDE,TOTAL MG/L AS CN                       MG/L        0.005 <      0.200
       144T000  001  01002  ARSENIC,TOTAR RECOVERABLE UG/L AS AS           UG/L        1.000 <     50.000
       151T100  001  01051  LEAD,TOTAL RECOVERABLE UG/L AS PB              UG/L        5.000 <     50.000
       153T000  001  71900  MERCURY,TOTAL UG/L AS HG                       UG/L        0.050 <      2.000
       155T000  001  01147  SELENIUM,TOTAL RECOVERABLE UG/L ASSE           UG/L        1.000       10.000
       177T100  001  00916  CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP   MG/L  103.000
       177T100  002  00927  MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP MG/L   46.000
       177T100  003  00929  SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP    MG/L   10.000
       177T100  004  00937  POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP  MG/L    0.800
       177T100  005  01105  ALUMINUM,TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP   UG/L  119.000
       177T100  006  01007  BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP    UG/L   59.000     1000.000
       177T100  007  01022  BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP      UG/L   50.000 <
       177T100  008  01012  BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP UG/L    0.500 <
       177T100  009  01027  CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB   UG/L    3.000 <     10.000
       177T100  010  01034  CHROMIUM,TOTAL RECOVERABLE UG/L ASCR ANAL BY ICB   UG/L    5.000 <     50.000
       177T100  011  01042  COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP    UG/L    5.000 <   5000.000
       177T100  012  01037  COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP    UG/L    5.000 <
       177T100  013  01045  IRON,TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP      UG/L   50.000 <   1000.000
       177T100  014  01055  MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP UG/L    5.000 <    150.000
       177T100  015  01067  NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP    UG/L    5.000 <
       177T100  016  01077  SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP    UG/L    3.000 <     50.000
       177T100  017  01082  STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP UG/L  125.000
       177T100  018  01087  VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP    UG/L    5.000 <
       177T100  019  01092  ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP      UG/L   50.000 <   5000.000
       177T100  020  82394  HARDNESS, CALC - MG/L                              MG/L  444.000

       SAMPLE NO: B028444      LOCATION: WELL #1                                        COLL DATE: 03/07/83     DELIVERED BY:
       SMPL TYPE: RAW         COLLECTOR: HOWARD SINN                                    LAB RCVD: 04/14/83      RECEIVED BY:
       SMPL PURP: 1-ROUTINE    COMMENTS:                                              LAB COMPL:           LAB SUPERVISOR:
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REPORT:  PWGRP048                 ILLINOIS ENVIRONMENTAL PROTECTION AGENCY                            PAGE:        51
MODULE:  PWGWM026                   DIVISION OF PUBLIC WATER SUPPLIES                                 DATE:  05/09/91
                                      SELECTED SAMPLE EXPANDED REPORT

  FACILITY:  1795730 LAKE WINDERMERE ESTS SBDV              *** CONTINUED ***

     SMPL PROG: I-GWM INORG OBSRVATNS:                                          SMPL PERIOD: 03/83          FUND CODE:

   ANALYSIS  RSLT -------STORET-------                                                        -------STANDARDS-------      TRIGGER
      ID      NO    NO    DESCRIPTION                                   UNITS      RESULT      DRINK WTR      RAW WTR      LEVEL

                  00095  CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C                      780.000
                  00403  PH LABORATORY UNITS                                         7.600
                  00410  ALKALINITY,TOTAL MG/L AS CACO3                            343.000
                  00610  NITROGEN,AMMONIA TOTAL MG/L AS N                            0.100
                  00630  NITRATE & NITRITE TOTAL MG/L AS N                           3.700      10.000
                  00720  CYANIDE,TOTAL MG/L AS CN                                    0.005 <     0.200
                  00900  HARDNESS,EDTA MG/L AS CACO3                               439.000
                  00916  CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP           95.000
                  00927  MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP         47.000
                  00929  SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP             7.000
                  00937  POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP           1.600
                  00940  CHLORIDE,TOTAL MG/L AS CL                                  22.000
                  00945  SULFATE,TOTAL MG/L AS SO4                                  50.000
                  00951  FLUORIDE,TOTAL MG/L AS F                                    0.100 <     4.000
                  00956  SILICA,TOTAL MG/L AS SI02                                  18.000
                  01002  ARSENIC,TOTAR RECOVERABLE UG/L AS AS                        1.000      50.000
                  01007  BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP            63.000    1000.000
                  01012  BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP          0.500 <
                  01022  BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP              30.000
                  01027  CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB            3.000 <    10.000
                  01034  CHROMIUM,TOTAL RECOVERABLE UG/L ASCR ANAL BY ICB            6.000 <    50.000
                  01037  COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP             6.000
                  01042  COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP             3.000 <  5000.000
                  01045  IRON,TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP              20.000    1000.000
                  01051  LEAD,TOTAL RECOVERABLE UG/L AS PB                           5.000 <    50.000
                  01055  MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP          5.000 <   150.000
                  01067  NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP             4.000
                  01077  SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP             5.000 <    50.000
                  01082  STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP        104.000
                  01087  VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP             4.000 <
                  01092  ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP               2.000 <  5000.000
                  01147  SELENIUM,TOTAL RECOVERABLE UG/L ASSE                        1.000      10.000
                  70300  RESIDUE,TOTAL FILTERABLE @180 C,MG/L                      504.000
                  70304  TOTAL DISSOLVED SOLIDS MG/L BY EC                         470.000
                  71900  MERCURY,TOTAL UG/L AS HG                                    0.050 <     2.000
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                                        ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
REPORT:  PWCHP048                          DIVISION OF PUBLIC WATER SUPPLIES                                      PAGE:          52
MODULE:  PWGUM026                           SELECTED SAMPLE EXPANDED REPORT                                       DATE:    05/09/91

  FACILITY:  1795730 LAKE WINDERMERE ESTS SBDV                  STATUS: A    PUBLIC: Y    COMM: Y    TYPE WATER: G
       TAP:        02 WT BLDG 2 2100' SSE WTB 1 100' N WELL 2   STATUS: A
  RAW SRCE:     50055 WELL 2 2200' S WELL 1 & 100' SOF WTB 2    STATUS: A

      SAMPLE NO: B91170300    LOCATION: LAKE WINDERMERE ESTS SBDV WELL 2         COLL DATE: 08/16/89    DELIVERED BY: UP8
      SMPL TYPE: RAW         COLLECTOR: R MILLER                                  LAB RCVD: 08/17/89     RECEIVED BY: MAD
      SMPL PURP: 1-ROUTINE    COMMENTS:                                          LAB COMPL: 10/26/89  LAB SUPERVISOR: RPF
      SMPL PROG: C-CHEMICAL  OBSRVATNS:                                        SMPL PERIOD: 08/89         FUND CODE: PW30

                                                                                           -------STANDARDS-------      TRIGGER
    ANALYSIS  RSLT -------STORET-------                                                                                 
       ID      NO    NO    DESCRIPTION                                     UNITS     RESULT    DRINK WTR      RAW WTR     LEVEL

    100T000  001  00403  PH LABORATORY UNITS                               UNITS      7.900
    101T000  001  00095  CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C              UM/CM    800.000
    102T000  001  70300  RESIDUE,TOTAL FILTERABLE @180 C,MG/L              MG/L     461.000
    103T000  001  00410  ALKALINITY,TOTAL MG/L AS CACO3                    MG/L     400.000
    105T000  001  00900  HARDNESS,EDTA MG/L AS CACO3                       MG/L     422.000
    107T000  001  00951  FLUORIDE,TOTAL MG/L AS F                          MG/L       0.210         4.000
    108T000  001  00940  CHLORIDE,TOTAL MG/L AS CL                         MG/L      34.000
    109T000  001  00945  SULFATE,TOTAL MG/L AS SO4                         MG/L      24.000
    110T000  001  00630  NITRATE & NITRITE TOTAL MG/L AS N                 MG/L       0.100 <      10.000
    111T000  001  00610  NITROGEN,AMMONIA TOTAL MG/L AS N                  MG/L       0.810
    114T000  001  00956  SILICA,TOTAL MG/L AS SIO2                         MG/L      20.000
    116T000  001  00720  CYANIDE,TOTAL MG/L AS CN                          MG/L       0.005 <       0.200
    144T000  001  01002  ARSENIC,TOTAL RECOVERABLE UG/L AS AS              UG/L       1.000 <      50.000
    151T100  001  01051  LEAD,TOTAL RECOVERABLE UG/L AS PB                 UG/L       5.000 <      50.000
    153T000  001  71900  MERCURY,TOTAL UG/L AS HG                          UG/L       0.050 <       2.000
    155T000  001  01147  SELENIUM,TOTAL RECOVERABLE UG/L ASSE              UG/L       1.000 <      10.000
    177T100  001  00916  CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP  MG/L      92.000
    177T100  002  00927  MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP MG/L     47.000
    177T100  003  00929  SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP   MG/L      20.000
    177T100  004  00937  POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP MG/L       0.400
    177T100  005  01105  ALUMINUM,TOTAL RECOVERABLE UG/L ASAL ANAL BY ICP  UG/L     231.000
    177T100  006  01007  BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP   UG/L     209.000      1000.000
    177T100  007  01022  BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP     UG/L      83.000
    177T100  008  01012  BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP UG/L      0.500 <
    177T100  009  01027  CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICP  UG/L       3.000 <      10.000
    177T100  010  01034  CHROMIUM,TOTAL RECOVERABLE UG/L ASCR ANAL BY ICP  UG/L       5.000 <      50.000
    177T100  011  01042  COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP   UG/L       5.000 <    5000.000
    177T100  012  01037  COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP   UG/L       5.000 <
    177T100  013  01045  IRON,TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP     UG/L    1367.000      1000.000*
    177T100  014  01055  MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP UG/L     53.000       150.000
    177T100  015  01067  NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP   UG/L       5.000 <
    177T100  016  01077  SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP   UG/L       3.000 <      50.000
    177T100  017  01082  STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP UG/L    443.000
    177T100  018  01087  VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP   UG/L       5.000 <
    177T100  019  01092  ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP     UG/L      50.000 <    5000.000
    177T100  020  82394  HARDNESS, CALC - MG/L                             MG/L     420.000

      SAMPLE NO: B028734      LOCATION: WELL #2                                  COLL DATE: 03/08/83    DELIVERED BY:
      SMPL TYPE: RAW         COLLECTOR: HOWARD STIN                               LAB RCVD: 04/14/83     RECEIVED BY:
      SMPL PURP: 1-ROUTINE    COMMENTS:                                          LAB COMPL:           LAB SUPERVISOR:
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                                              ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
                                                DIVISION OF PUBLIC WATER SUPPLIES                                      PAGE:        53
REPORT:   PUGUP048                               SELECTED SAMPLE EXPANDED REPORT                                       DATE:  05/09/91
MODULE:   PUGUM026

  FACILITY:  1795730 LAKE WINDERMERE ESTS SBDV                           *** CONTINUED ***

     SMPL PROG: I-GEM INORG OBSRVATNS:                                                           SMPL PERIOD: 03/83          FUND CODE:

    ANALYSIS  PSLT -------STORET-------                                                        -------STANDARDS-------      TRIGGER
       ID      NO    NO    DESCRIPTION                                      UNITS     RESULT    DRINK WTR     RAW WTR        LEVEL

                   00095  CONDUCTIVITY(EC)-LAB(UMHOS/CM @ 25 C                        790.000
                   00403  PH LABORATORY UNITS                                           8.000
                   00410  ALKALINITY,TOTAL MG/L AS CACO3                              452.000
                   00610  NITROGEN,AMMONIA TOTAL MG/L AS N                              0.670
                   00630  NITRATE & NITRITE TOTAL MG/L AS N                             0.100 <     10.000
                   00720  CYANIDE,TOTAL MG/L AS CN                                      0.005 <      0.200
                   00900  HARDNESS,EDTA MG/L AS CACO3                                 438.000
                   00916  CALCIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP             90.000
                   00927  MAGNESIUM,TOTAL RECOVERABLE MG/L AS CA ANAL BY ICP           50.400
                   00929  SODIUM,TOTAL RECOVERABLE MG/L AS NA ANAL BY ICP              20.000
                   00937  POTASSIUM,TOTAL RECOVERABLE MG/L AS K ANAL BY ICP             1.600
                   00940  CHLORIDE,TOTAL MG/L AS CL                                     1.700
                   00945  SULFATE,TOTAL MG/L AS SO4                                    18.000
                   00951  FLUORIDE,TOTAL MG/L AS F                                      0.220        4.000
                   00956  SILICA,TOTAL MG/L AS SIO2                                    22.000
                   01002  ARSENIC,TOTAL RECOVERABLE UG/L AS AS                          1.000       50.000
                   01007  BARIUM,TOTAL RECOVERABLE UG/L AS BA ANAL BY ICP             234.000     1000.000
                   01012  BERYLLIUM,TOTAL RECOVERABLE UG/L AS BE ANAL BY ICP            0.500 <
                   01022  BORON,TOTAL RECOVERABLE UG/L AS B ANAL BY ICP                90.000
                   01027  CADMIUM,TOTAL RECOVERABLE UG/L AS CD ANAL BY ICB              3.000 <     10.000
                   01034  CHROMIUM,TOTAL RECOVERABLE UG/L ASCR ANAL BY ICB              5.000 <     50.000
                   01037  COBALT,TOTAL RECOVERABLE UG/L AS CO ANAL BY ICP               5.000 <
                   01042  COPPER,TOTAL RECOVERABLE UG/L AS CU ANAL BY ICP               3.000 <   5000.000
                   01045  IRON,TOTAL RECOVERABLE, UG/L AS FEANAL BY ICP              1500.000     1000.000*
                   01051  LEAD,TOTAL RECOVERABLE UG/L AS PB                             5.000 <     50.000
                   01055  MANGANESE,TOTAL RECOVERABLE UG/L AS MN ANAL BY ICP           52.000      150.000
                   01067  NICKEL,TOTAL RECOVERABLE UG/L AS NI ANAL BY ICP               3.000 <
                   01077  SILVER,TOTAL RECOVERABLE UG/L AS AG ANAL BY ICP               5.000 <     50.000
                   01082  STRONTIUM,TOTAL RECOVERABLE UG/L AS SR ANAL BY ICP          471.000
                   01087  VANADIUM,TOTAL RECOVERABLE UG/L ASV ANAL BY ICP               4.000 <
                   01092  ZINC,TOTAL RECOVERABLE UG/L AS ZN ANAL BY ICP                14.000     5000.000
                   01147  SELENIUM,TOTAL RECOVERABLE UG/L ASSE                          1.000 <     10.000
                   70300  RESIDUE,TOTAL FILTERABLE @180 C,MG/L                        476.000
                   70304  TOTAL DISSOLVED SOLIDS MG/L BY EC                           470.000
                   71900  MERCURY,TOTAL UG/L AS HG                                      0.050 <      2.000
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APPENDIX E

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 50054 - _ _ - _ _ , Distance and Direction from the Wellhead:

2. Nature of Business: none

3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): none

4. DAPC Permit Number(s) and Description: none

5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): none

6. ERU Incidents and Description: none

7. ERU 313 Reports and Description: none

8. ESDA 302/303 Reports and Description: none

9. ESDA 311/312 Reports and Description: none

10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

    none

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name	Address
None observed	

12. Is the site sewered or non-sewered?

    If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

    ☐ Yes. If yes, describe:

    ☐ No.

14. Are there currently any on-site piles of special or hazardous waste?

[ ] Yes. If yes, describe:

[XX] No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

[ ] Yes.

[ ] No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

[ ] Yes. If yes, describe:

[XX] No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

[ ] Yes (continue to next question)
[XX] No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

[ ] Yes (continue to next question)
[ ] No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

[ ] Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

[ ] Replacement or major repair of damaged facilities

[ ] Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

[ ] Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

[ ] Reordering or other replenishment of inventory due to the amount of substance lost

[ ] Temporary or more long-term monitoring of groundwater at or near the site

[ ] Stop usage of an on-site or nearby water well because of offensive characteristics of the water

[ ] Coping with fumes from subsurface storm drains or inside basements

[ ] Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site

(d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

N/A

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

    [ ] Yes. If yes, describe:

    [XX] No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

    [ ] Yes. If yes, describe:

    [XX] No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

    [ ] Yes. If yes, describe:

    [XX] No.

HAZARD REVIEW WORKSHEET

1. Unique I.D. Number 50055 - _ _ - _ _ , Distance and Direction from the Wellhead:

2. Nature of Business: none

3. DLPC Permit Number(s) and Description (e.g., RCRA, Generic, Solid Waste, UIC, etc.): none

4. DAPC Permit Number(s) and Description: none

5. DWPC Permit Numbers and Description (e.g., NPDES, Industrial Pre-Treatment, Sewer Plans, etc.): none

6. ERU Incidents and Description: none

7. ERU 313 Reports and Description: none

8. ESDA 302/303 Reports and Description: none

9. ESDA 311/312 Reports and Description: none

10. PWS compliance monitoring conducted and describe the results (e.g., VOC/VOA sample detects, etc.):

    none

11. ISFM list the underground storage tanks registered, provide the owner name and address:

Owner Name	Address
None observed	

12. Is the site sewered or non-sewered?

    If the site is not sewered, describe:

13. Has on-site past or present landfilling, land treating, or surface impoundment of waste, other than landscape waste or construction and demolition debris occurred?

    [ ] Yes. If yes, describe:

    [XX] No.

14. Are there currently any on-site piles of special or hazardous waste?

[ ] Yes. If yes, describe:

[XX] No.

15. Are on-site piles of waste (other than special or hazardous wastes) managed according to Agency guidelines?

[ ] Yes.

[ ] No. If no, describe:

16. Are there currently any underground storage tanks present on-site, and will any underground tanks be installed in the future?

[ ] Yes. If yes, describe:

[XX] No.

17(a). Has any situation(s) occurred at this site which resulted in a "release" of any hazardous substance or petroleum?

[ ] Yes (continue to next question)
[XX] No (stop here)

(b). Have any hazardous substances or petroleum, which were released, come into contact with the ground surface at this site? (Note--do not automatically exclude paved or otherwise covered areas that may still have allowed chemical substances to penetrate into the ground.)

[ ] Yes (continue to next question)
[ ] No (stop here)

(c). Have any of the following actions/events been associated with the release(s) referred to in question 17(b)?

[ ] Hiring of a cleanup contractor to remove obviously contaminated materials including subsoils

[ ] Replacement or major repair of damaged facilities

[ ] Assignment of in-house maintenance staff to remove obviously contaminated materials including subsoils

[ ] Designation, by IEPA or the ESDA, of a release as "significant" under the Illinois Chemical Safety Act

[ ] Reordering or other replenishment of inventory due to the amount of substance lost

[ ] Temporary or more long-term monitoring of groundwater at or near the site

[ ] Stop usage of an on-site or nearby water well because of offensive characteristics of the water

[ ] Coping with fumes from subsurface storm drains or inside basements

[ ] Signs of substances leaching out of the ground along the base of slopes or at other low points on or adjacent to the site

(d). The on-site release(s) may have been of sufficient magnitude to contaminate groundwaters. Summarize the problem.

N/A

18. Are there more than 100 gallons of either pesticides or organic solvents, or 10,000 gallons of any hazardous substance, or 30,000 gallons of petroleum present at any time?

[ ] Yes. If yes, describe:

[XX] No.

19. Do any of the regulated entities have groundwater monitoring systems, and have any exceeded compliance requirements?

[ ] Yes. If yes, describe:

[XX] No.

20. After considering all of the above criteria does this site potentially pose a hazard to groundwater?

[ ] Yes. If yes, describe:

[XX] No.

CK:ds:0819M/1-15,sp

UNIVERSITY OF ILLINOIS-URBANA
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